Access DB# 145369

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: BRIAN MRUK Examiner #: 76173 Date: 2/16/05
Art Unit: 1751 Phone Number 30 272-1321 Serial Number: 10/668,535
Mail Box and Bldg/Room Location: PEM 9A45 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: AMPHOTERIC SURFACTANTS BASED UPON ALKYL POLYGLUCOSIDE

Inventors (please provide full names): 1) DAVID ANDERSON 2) DEAN A. SMITH
3) ANTHONY J. O'LENICK, JR.

Earliest Priority Filing Date: NONE (CASE WAS FILED 9/24/03)

***For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.**

PLEASE SEARCH THE STRUCTURES OF THE 2 COMPOUNDS RECITED IN CLAIM 1. PLEASE NOTE THAT DEPENDENT CLAIMS 2-9 FURTHER LIMIT THE VARIABLES RECITED IN CLAIM 1.

- THANKS

(NOT MUCH REAL CLOSE OUT THERE.)

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STAFF USE ONLY

Searcher: ESP
Searcher Phone #:
Searcher Location:
Date Searcher Picked Up:
Date Completed: 2-25-05
Searcher Prep & Review Time: 5
Clerical Prep Time:
Online Time: 60

Type of Search

NA Sequence (#)
AA Sequence (#)
Structure (#) 3 (Subst)
Bibliographic 1 (Core)
Litigation
Fulltext
Patent Family
Other

Vendors and cost where applicable

STN $292.55
Dialog
Questel/Orbit
Dr.Link
Lexis/Nexis
Sequence Systems
WWW/Internet
Other (specify)

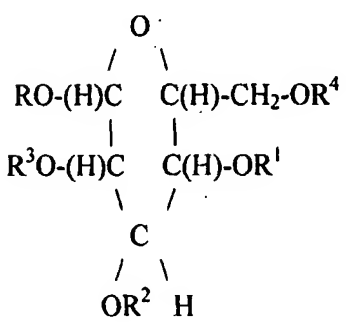
PTO-1590 (1-2000)

Claims;

What is claimed;

1. A surfactant compositions which comprises a mixture of compounds conforming to the following structures:

(a)



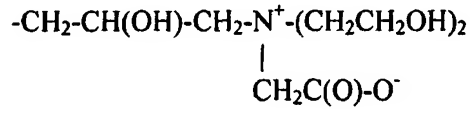
(THESE MAY HAVE BEEN INDEXED AS THE ACYCLIC, OPEN-CHAIN SUGAR, SO WE HAD TO SEARCH BOTH WAYS, WHICH ACCOUNTS FOR WHY SOME OF THE ANSWERS LOOK LIKE [redacted] THEY DO.)

wherein;

R is alkyl having 8 to 22 carbon atoms;

R^1, R^2, R^3. and R^4 are independently selected from the group consisting of

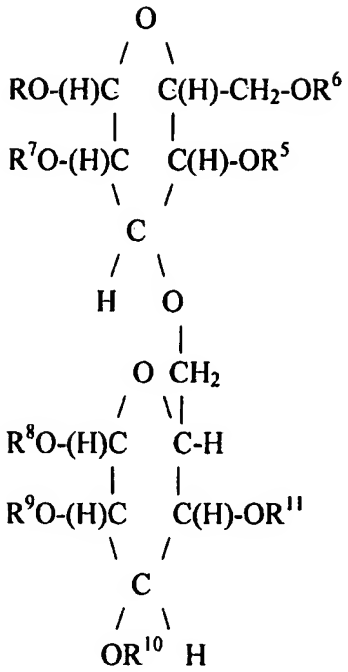
$-CH_2-CH(OH)-CH_2-N-(CH_2CH_2OH)_2$



and H, with the proviso that R^1, R^2, R^3. and R^4 are not all H;

and

(b)

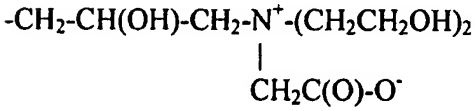


wherein;

R is alkyl having 8 to 22 carbon atoms;

R^5, R^6, R^7, R^8 ; R^9 , R^{10} and R^{11} are independently selected from the group consisting of

$-CH_2-CH(OH)-CH_2-N-(CH_2CH_2OH)_2$



and H, with the proviso that R^5, R^6, R^7. R^8 , R^9 R^{10} and R^{11} are not all H.

2. A surfactant compositions of claim 1 wherein;

R^1, R^2, R^3. and R^4 are independently selected from the group consisting of

$-CH_2-CH(OH)-CH_2-N-(CH_2CH_2OH)_2$

and H, with the proviso that R^1, R^2, R^3. and R^4 are not all H;

and

R^5, R^6, R^7, R^8 ; R^9, R^{10} and R^{11} are independently selected from the group consisting of

$-CH_2-CH(OH)-CH_2-N-(CH_2CH_2OH)_2$

and H, with the proviso that R^5, R^6, R^7. R^8 , R^9 R^{10} and R^{11} are not all H.

3. A surfactant compositions of claim 1 wherein

R^1, R^2, R^3. and R^4 are independently selected from the group consisting of

$$-CH_2-CH(OH)-CH_2-N^{+}(-CH_2C(O)-O^{-})-(CH_2CH_2OH)_2$$

and H, with the proviso that R^1, R^2, R^3. and R^4 are not all H;

and

R^5, R^6, R^7, R^8 ; R^9, R^{10} and R^{11} are independently selected from the group consisting of

$$-CH_2-CH(OH)-CH_2-N^{+}(-CH_2C(O)-O^{-})-(CH_2CH_2OH)_2$$

and H, with the proviso that R^5, R^6, R^7. R^8 , R^9 R^{10} and R^{11} are not all H.

4. A surfactant compositions of claim 2 wherein R is $C_{12}H_{25}$.

5. A surfactant compositions of claim 2 wherein R is $C_{10}H_{21}$.

6. A surfactant compositions of claim 2 wherein R is $C_{22}H_{42}$.

7. A surfactant compositions of claim 3 wherein R is $C_{12}H_{25}$

8. A surfactant compositions of claim 3 wherein R is $C_{10}H_{21}$.

9. A surfactant compositions of claim 3 wherein R is $C_{22}H_{42}$.

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USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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L3        145777 S SMITH ?/AU
L4           301 S OLENICK ?/AU OR O LENICK ?/AU OR LENICK ?/AU
L5             0 S L2 AND L3 AND L4
L6             0 S L4 AND L2
L7             8 S L4 AND L3
L8          5000 S ANDERSON D?/AU
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L11           11 S L7 OR L10
                 SEL L11 1-11 RN

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L16            4 S L1
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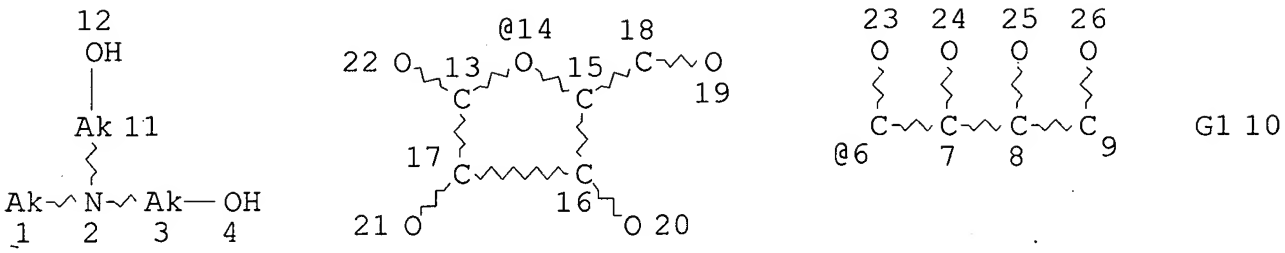

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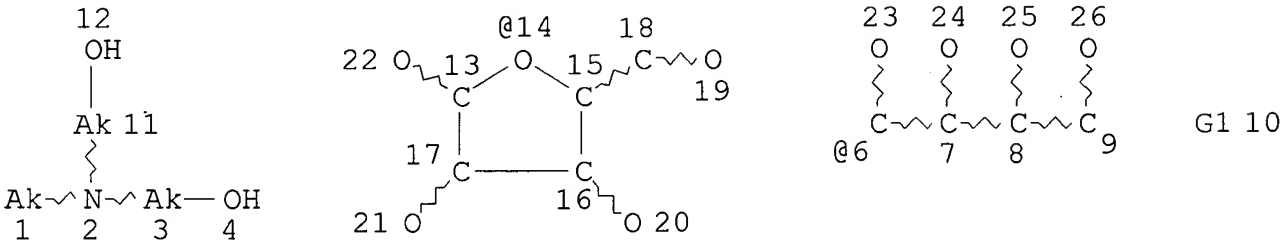

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NUMBER OF NODES IS 25

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100.0% PROCESSED 153 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

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FILE 'ZCAPLUS' ENTERED AT 16:12:08 ON 25 FEB 2005

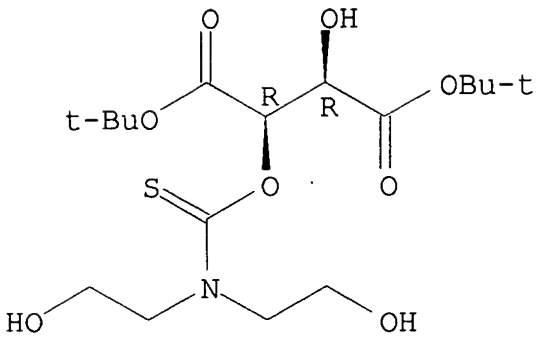
=> d l23 1-9 cbib abs hitstr hitrn

L23 ANSWER 1 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
2002:356407 Document No. 137:278740 Aminolysis of cyclic thioxocarbonate of (R,R)-di-tert-butyl tartrate: efficient access to thio- and thiolcarbamates. Faissat, Ludovic; Chavis, Claude; Montero, Jean-Louis; Lucas, Marc (ENSCM, Laboratoire de Chimie Biomoleculaire, UMR 5032, Montipellier, 34296, Fr.). Journal of the Chemical Society, Perkin Transactions 1 (10), 1253-1259 (English) 2002. CODEN: JCSPCE. ISSN: 1472-7781. OTHER SOURCES: CASREACT 137:278740. Publisher: Royal Society of Chemistry.

AB Aminolysis of cyclic thioxocarbonates derived from (R,R)-dialkyl tartrates with secondary amines is described to afford efficiently thio- and thiolcarbamates in a fast and high yielding reaction. For example, diethylamine is reacted with (4R,5R)-2-thioxo-4,5-bis(tert-butyloxycarbonyl)-1,3-dioxolane to give 95% (2R,3R)-di-tert-Bu 2-diethylthiocarbamoyloxy-3-hydroxysuccinate. Their stereochem. and mechanism of formation are discussed.

IT **464188-92-9P**
(prepn. of)
RN 464188-92-9 ZCAPLUS
CN Butanedioic acid, 2-[[bis(2-hydroxyethyl)amino]thioxomethoxy]-3-hydroxy-, bis(1,1-dimethylethyl) ester, (2R,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT **464188-92-9P**
(prepn. of)

L23 ANSWER 2 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1998:1394 Document No. 128:72421 Texaphyrin-lipophilic molecule-vesicle complexes, membrane incorporation of texaphyrins, and use in diagnosis and therapy. Young, Stuart W.; Wright, Meredith; Sessler, Jonathan L.; Mody, Tarak D.; Magda, Darren (Pharmacyclics, Inc., USA; Board of Regents, University of Texas System; Young, Stuart W.; Wright, Meredith; Sessler, Jonathan L.; Mody, Tarak D.; Magda, Darren). PCT Int. Appl. WO 9746262 A2 19971211, 67 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US9501 19970604. PRIORITY: US 1996-657947 19960604.

AB Compns. are provided having a texaphyrin-lipophilic mol. conjugate loaded into a biol. vesicle, as are methods for imaging, diagnosis and treatment using the loaded vesicle are provided. For example, liposomes or red blood cells loaded with a paramagnetic texaphyrin-lipophilic mol. conjugate have utility as a blood pool contrast agent, facilitating the enhancement of normal tissues, magnetic resonance angiog., and marking areas of damaged endothelium by their egress through fenestrations or damaged portions of the blood vascular system. Liposomes or cells loaded with a photosensitive texaphyrin-lipophilic mol. conjugate can be photolyzed, allowing for a photodynamic therapy effect at the site of lysis. Availability of red blood cells loaded with a photosensitive texaphyrin-lipophilic mol. conjugate provides a method for delivering a photodynamic therapeutic agent to a desired site with a high concn. of oxygen. By presenting the agent in this

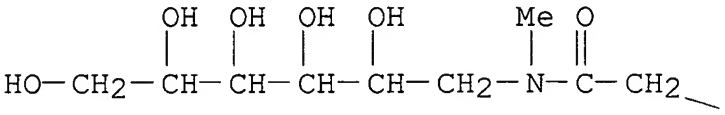
way, it is expected that a patient will experience less toxicity.

IT **197782-26-6D**, metal complexes
(texaphyrin-lipophilic mol.-vesicle complexes, membrane incorporation of texaphyrins, and use in diagnosis and therapy)

RN 197782-26-6 ZCAPLUS

CN 8,11-Imino-3,6:16,13-dinitrilo-1,18-benzodiazacycloeicosine-5,14-dipropanamide, 20-[2-[(1-deoxyhexitol-1-yl)methylamino]-2-oxoethyl]-9,10-diethyl-N,N,N',N'-tetrakis(2-hydroxyethyl)-4,15-dimethyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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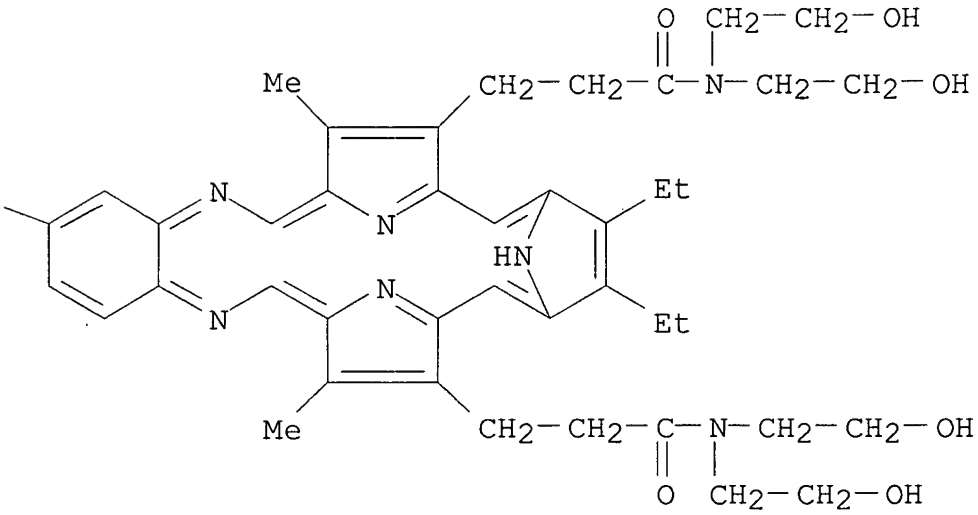


IT **197782-26-6D**, metal complexes
(texaphyrin-lipophilic mol.-vesicle complexes, membrane incorporation of texaphyrins, and use in diagnosis and therapy)

L23 ANSWER 3 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN

1997:650297 Document No. 127:316333 Use of a texaphyrin in photodynamic therapy of melanoma and other pigment-related lesions.

Woodburn, Kathryn W.; Quing, Fan; Young, Stuart W. (Pharmacyclics, Inc., USA; Woodburn, Kathryn W.; Quing, Fan; Young, Stuart W.). PCT Int. Appl. WO 9735617 A1 19971002, 56 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US5332 19970326. PRIORITY: US 1996-624311 19960326.

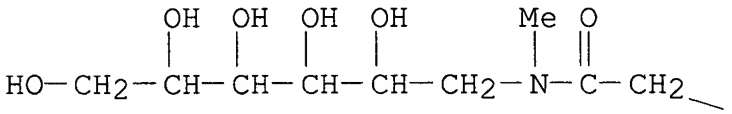
AB The present invention involves the use of a photosensitive texaphyrin for the photodynamic treatment of a pigmented lesion, such as a melanodermic lesion, or of a lesion obscured by pigmented tissue, such as melaniferous tissue in a subject. In particular, the invention provides a treatment for the metastatic process of melanoma, and a method for inhibiting growth of established metastases of melanoma. The photosensitive texaphyrin may be a free-base texaphyrin or may be metalated with a diamagnetic metal. Preferably, the texaphyrin is metalated with lutetium. Heretofore, melanoma has been refractory to treatment with photodynamic therapy. The biodistribution in melanoma-bearing mice of a lutetium-texaphyrin complex, designated LuT2BET, was detd. Also described is the response to LuT2BET and photoirradn. in melanoma-bearing mice and in a patient with recurrent melanoma.

IT **197782-26-6D**, metal complexes
(texaphyrins for photodynamic therapy of melanoma and other pigment-related lesions)

RN 197782-26-6 ZCAPLUS

CN 8,11-Imino-3,6:16,13-dinitrilo-1,18-benzodiazacycloeicosine-5,14-dipropanamide, 20-[2-[(1-deoxyhexitol-1-yl)methylamino]-2-oxoethyl]-9,10-diethyl-N,N,N',N'-tetrakis(2-hydroxyethyl)-4,15-dimethyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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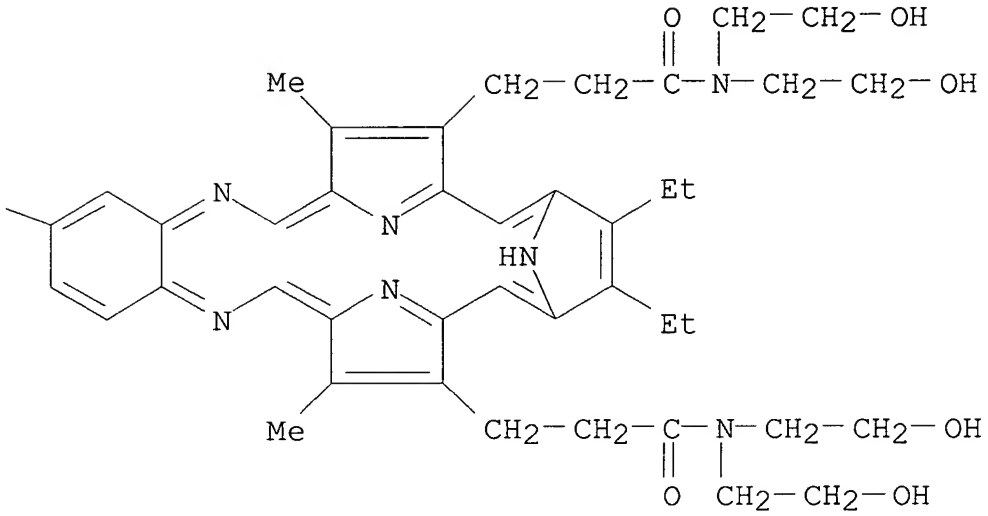


IT **197782-26-6D**, metal complexes
(texaphyrins for photodynamic therapy of melanoma and other pigment-related lesions)

L23 ANSWER 4 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1997:105215 Document No. 126:113192 Cleavage of RNA using metal complexes. Magda, Darren; Sessler, Jonathan L. (Pharmacyclics, Inc., USA; Board of Regents, the University of Texas System; Magda, Darren; Sessler, Jonathan, L.). PCT Int. Appl. WO 9638461 A1 19961205, 37 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US8262 19960531. PRIORITY: US 1995-458347 19950602.

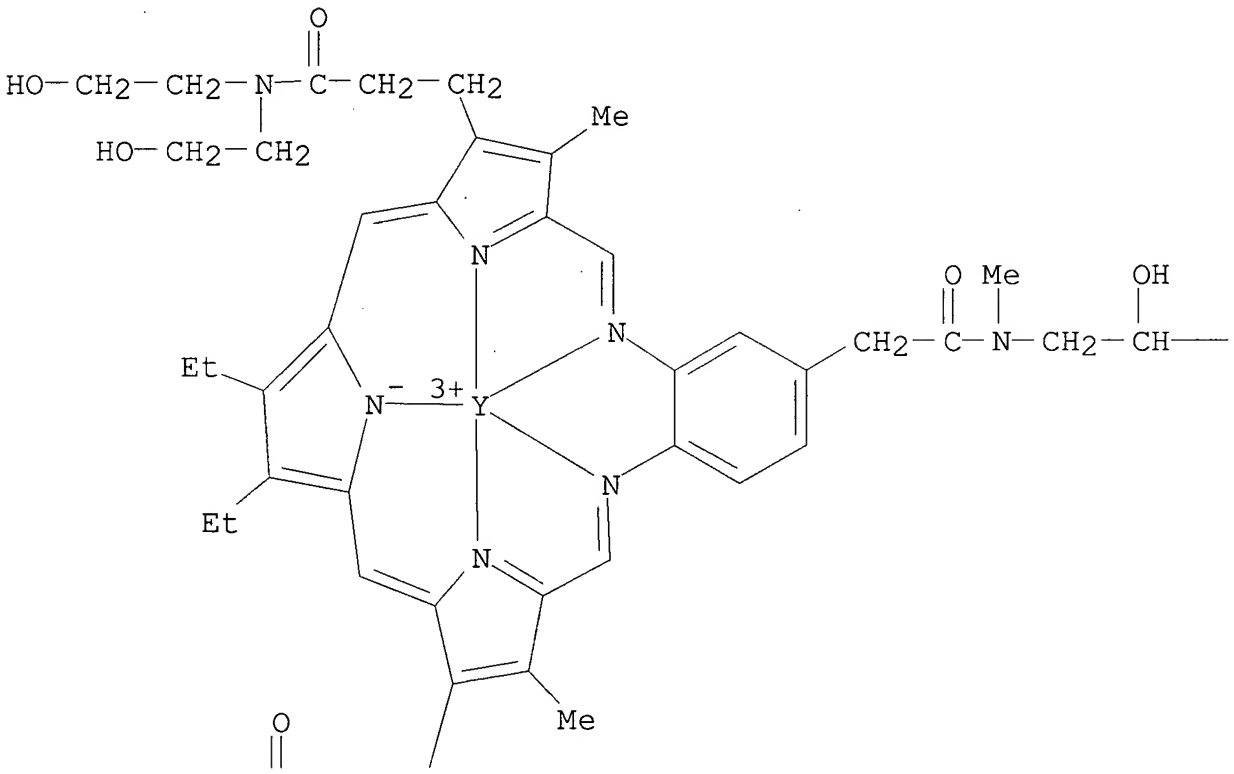
AB A particular class of metal complexes, specifically certain texaphyrin metal complexes, which both hydrolyze and photocleave RNA, and which also both hydrolyze RNA and photocleave DNA, is provided. The texaphyrin metal complex for each set of reactions has catalytic activity for phosphate ester hydrolysis and is photosensitive. A complex having the advantage of multiple activities can result in lower treatment dosages and lower treatment costs. The texaphyrin-oligonucleotide conjugates and present method of hydrolysis and photocleavage can be used for, e.g., antiviral and antibacterial therapy as well as cancer therapy (an oligonucleotide complementary to an oncogene, for example) and inflammatory responses that are caused by the overexpression of certain proteins.

IT **185827-27-4**
(DNA and RNA photocleavage and RNA hydrolysis with texaphyrin metal complexes)

RN 185827-27-4 ZCAPLUS

CN Yttrium(2+), [1-[[[5,14-bis[3-[bis(2-hydroxyethyl)amino]-3-oxopropyl]-9,10-diethyl-4,15-dimethyl-8,11-imino-3,6:16,13-dinitrilo-1,18-benzodiazacycloeicosin-20-yl-.kappa.N1,.kappa.N18,.kappa.N23,.kappa.N24,.kappa.N25]acetyl]methylamino]-1-deoxyhexitolato]- (9CI) (CA INDEX NAME)

PAGE 1-A



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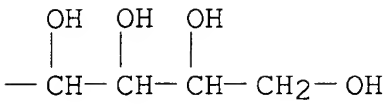

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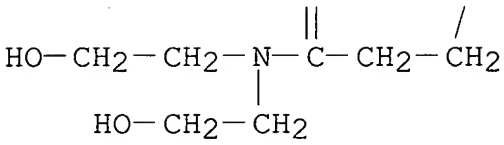

IT **185827-27-4**
(DNA and RNA photocleavage and RNA hydrolysis with texaphyrin metal complexes)

L23 ANSWER 5 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1990:51739 Document No. 112:51739 Fluorescein derivatives as stable fluorescent labels for liposomes. Fiechtner, Michael D.; Bieniarz, Christopher; Shipchandler, Mohamed; Adamczyk, Maciej (Abbott Laboratories, USA). Eur. Pat. Appl. EP 297303 A2 19890104, 26 pp. DESIGNATED STATES: R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL. (English). CODEN: EPXXDW. APPLICATION: EP 1988-108778 19880601. PRIORITY: US 1987-67833 19870629.
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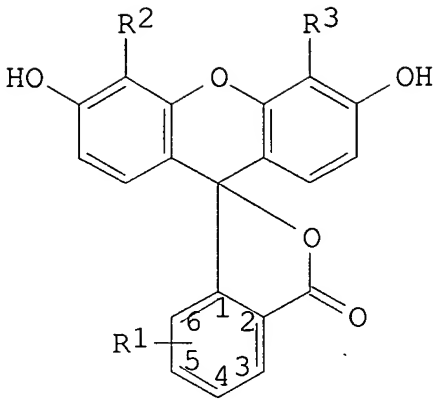


I

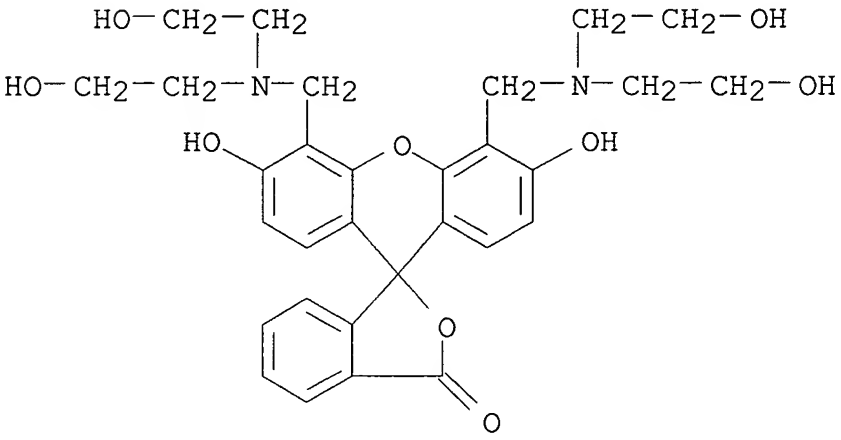
AB Fluorescein derivs. I [R1 = pyridoxamide, COOH, XN(Y)(Z); R2, R3 = H, XN(Y)(Z); X = C:O, aminothiocarbonyl, methylene; Y = H, lower alkyl, carboxy alkyl, lower alkylol; Z = carboxy alkyl; lower alkylol, mono- or disaccharide, pyridoxyl] have a fluorescence spectrum and quantum yield characteristics similar to those of fluorescein. The compds. are readily synthesized and purified and are readily sol. in water at self-quenching concns. Due to the presence of polar polyhydroxy group substituents and the absence of metal-chelating groups, these fluorescein derivs. are susceptible to minimal leakage across liposome membranes and have fluorescence characteristics minimally sensitive to the presence of metal ions. Compds. of the invention are thus exceptionally suitable for use in the development of highly storage stable liposome prepns. to be employed in immunolytic assays involving human body fluid samples. I (R1 = CON(CH3)CH2(CHOH)4CH2OH; R2 = R3 = H) (II; 5(6)-carboxyfluorescein-N-methylglucamide) was prepd. by reacting 5(6)-carboxyfluorescein-N-hydroxysuccinimide ester (prepd. from 5(6)carboxyfluorescein and N-hydroxysuccinimide) 95 with N-methyl-D-glucamine 39 and triethylamine 24 g in anhyd. HCON(CH3)2 for 12 h at room temp., followed by HPLC on silica gel using Me2CO:AcOH (50:1) with a 2-10% MeOH gradient. II in H2O (pH 7.2 with 6 N NaOH) and HEPES was added to a thin film of a mixt. of sphingomyelin:cholesterol:stearic acid (45:50:5) at 37.degree. for 15 min, vortexed, heated to 50.degree. and then slowly cooled to (2.degree./h) to 4.degree.. The liposomes were then washed and stored in isotonic buffer. Encapsulation of II after 121 days was 97.7%, compared to 95.9 and 41.2%, resp., for 5(6)-carboxyfluorescein and fluorescein.

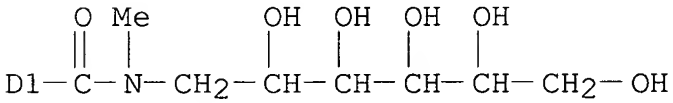
IT **124452-58-0P**
(prepn. of, as fluorescent labels for liposomes for immunoassays)

RN 124452-58-0 ZCAPLUS

CN D-Glucitol, 1-[[[4',5'-bis[[bis(2-hydroxyethyl)amino]methyl]-3',6'-

dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-6(or 7)-yl]carbonyl]methylamino]-1-deoxy- (9CI) (CA INDEX NAME)



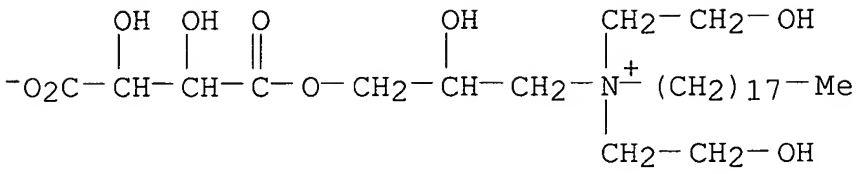


IT **124452-58-0P**
(prepn. of, as fluorescent labels for liposomes for immunoassays)

L23 ANSWER 6 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1989:231103 Document No. 110:231103 Preparation of 3-(N,N-polyoxyethylene-N-alkylammonio)-2-hydroxypropyl-1-tartrate. Klopotek, Alojzy; Iwanczuk, Edward (Instytut Chemii Przemyslowej, Pol.). Pol. PL 136721 B1 19870530, 6 pp. (Polish). CODEN: POXXA7. APPLICATION: PL 1981-231990 19810702.
AB Title compds. RN+[H(OCH2CH2)x][(CH2CH2O)yH]CH2CH(OH)CH2O2CCH(OH)CH(OH)CO2- (I; R = C4-36 hydrocarbyl: x, y = 1-15) useful as antibacterials, surfactants and antistatics, are prepd. 1-Chloro-2,3-epoxypropane was added dropwise to Na H tartrate to give ClCH2CH(OH)CH2O2CCH(OH)CH(OH)CO2Na which was treated with Me(CH2)16CH2N(CH2CH2OH)2 to give I (R = C18H38; x, y = 1) (II) in 98% yield. The min. inhibitory concn. of II was lower at pH 3.6 than at pH 10 against e.g., Escherichia coli.
IT **120762-87-0P**
(prepn. of, as antibacterial and surfactant)
RN 120762-87-0 ZCAPLUS
CN Octadecen-1-aminium, N-[3-(3-carboxy-2,3-dihydroxy-1-oxopropoxy)-2-hydroxypropyl]-N,N-bis(2-hydroxyethyl)-, inner salt (9CI) (CA INDEX NAME)

CM 1

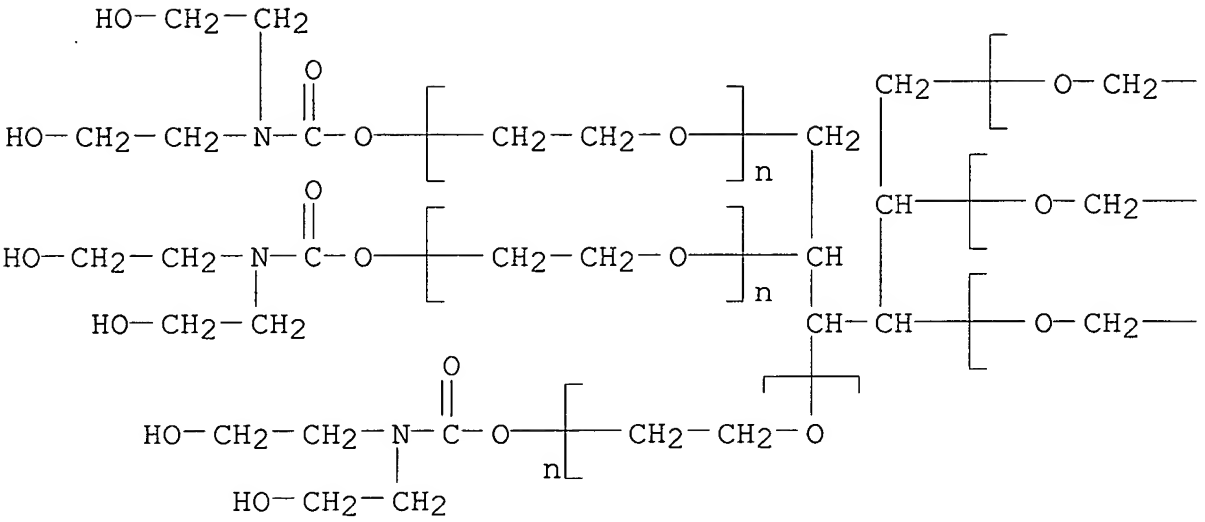
CRN 120762-86-9
CMF C29 H57 N O9



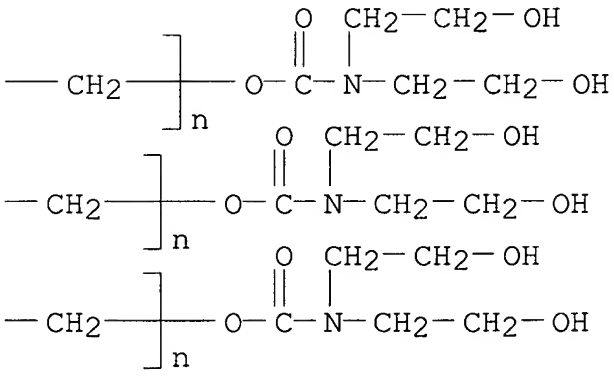
IT **120762-87-0P**
(prepn. of, as antibacterial and surfactant)

L23 ANSWER 7 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1976:45895 Document No. 84:45895 Antistatic polyamide composition. Kuenzel, Hans E.; Wolf, Gerhard Dieter; Brokmeier, Dieter; Bentz, Francis (Bayer A.-G., Fed. Rep. Ger.). Ger. Offen. DE 2416206 19751016, 24 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1974-2416206 19740403.
AB Antistatic polyamide fibers are produced from polyamide melts contg., as antistatic agent, 1.5-15% of a polyalkylene glycol ether with certain urethane end groups. Thus, .epsilon.-caprolactam 130, .epsilon.-aminocaproic acid 15 and H37C18(OCH2CH2)20O2CN(CH2CH2OH)2 [57829-59-1] 2 g were heated 3 hr at 270.degree. in N. The fiber spun from this melt had surface resistance (DIN 54345) as prepd. 4.times.109 .OMEGA.cm2 and 2.times.1011 .OMEGA.cm2 after 1.5, and 10 washings, in contrast with 5.times.1012 .OMEGA.cm2 after the 1st wash for fibers with no antistatic agent added.
IT **57829-57-9**
(antistatic agents, for polyamide fibers, prepn. of)
RN 57829-57-9 ZCAPLUS
CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-[[[bis(2-hydroxyethyl)amino]carbonyl]oxy]-, ether with D-mannitol (6:1) (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



IT **57829-57-9**
(antistatic agents, for polyamide fibers, prepn. of)

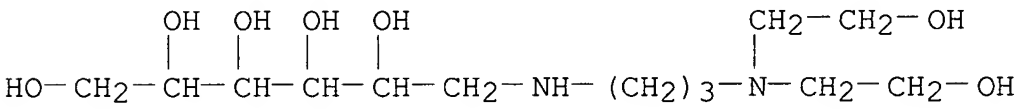
L23 ANSWER 8 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN
1976:8854 Document No. 84:8854 Skin-treating and skin-protective composition. Moeller, Hinrich; Osberghaus, Rainer; Gloxhuber, Christian; Braig, Siegfried (Henkel und Cie. G.m.b.H., Fed. Rep. Ger.). Ger. Offen. DE 2404070 19750814, 25 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1974-2404070 19740129.
AB Incorporation of N-(polyhydroxyalkyl)amines, prepd. by catalytic

reductive amination of monosaccharides or uronic acids, into skin care prepns. promoted water retention by the skin, thus maintaining its softness and elasticity. For example, N-(2,3-dihydroxypropyl)glucamine [57273-24-2] was prepd. by catalytic hydrogenation of the reaction product of 19.6 g D-glucose [50-99-7] and 18.2 g 2,3-dihydroxypropylamine [616-30-8] in H2O-MeOH at 50-70.degree. and 180 atm with Raney Ni. A baby cream was prepd. from e.g. N-(.beta.-piperazinoethyl)glucamine lactate [57288-68-3] 5.0, Dehymuls E 7.0, decyl oleate 10.0, vaseline 10.0, wool fat 5.0, boric acid 0.2, talcum 12.0, ZnO 8.0, Nipagin M 0.2, and water 42.6 parts by wt.

IT **57273-26-4P**
(prepn. and skin-moisturizing activity of)

RN 57273-26-4 ZCAPLUS

CN D-Glucitol, 1-[[3-[bis(2-hydroxyethyl)amino]propyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)



IT **57273-26-4P**
(prepn. and skin-moisturizing activity of)

L23 ANSWER 9 OF 9 ZCAPLUS COPYRIGHT 2005 ACS on STN

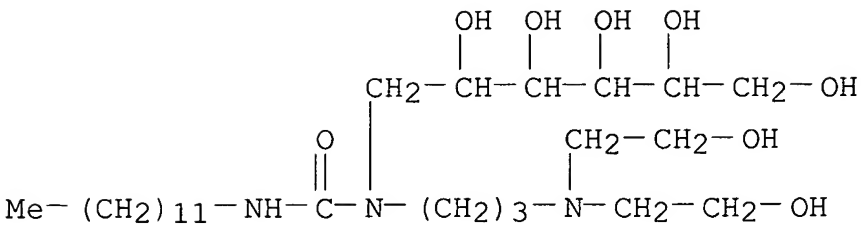
1975:497843 Document No. 83:97843 N-Alkyl-N'-polyhydroxyalkyl-N'-aminoalkyl ureas and their use in washing compositions. Eckert, Hans W. (Henkel und Cie. G.m.b.H., Fed. Rep. Ger.). Ger. Offen. DE 2349278 19750410, 18 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1973-2349278 19731001.

AB Glucose reacted with RRN(CH2)3NH2 (R = Me, Et, CH2CH2OH) and EtOH contg. Raney Ni in an autoclave followed by treatment with R1NCO [R1 = Me(CH2)n, n = 11, 13, 15,17] to give R1NHCON[CH2[CH(OH)]4CH2OH](CH2)3NRR, which showed a fluorescent whitening activity on wool, polypropylene, polyester, and polyurethane textiles.

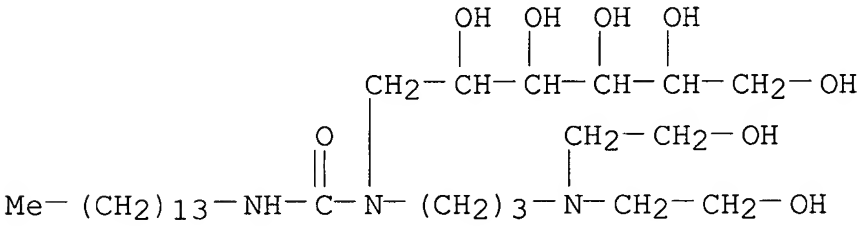
IT **56653-22-6P 56653-23-7P 56653-24-8P**
56653-25-9P
(prepn. and fluorescent brightening activity of)

RN 56653-22-6 ZCAPLUS

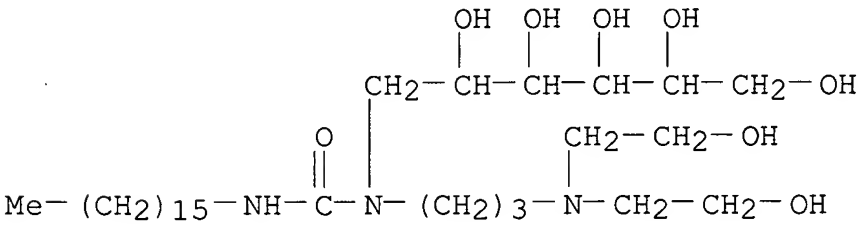
CN D-Glucitol, 1-[[3-[bis(2-hydroxyethyl)amino]propyl][(dodecylamino)carbonyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)



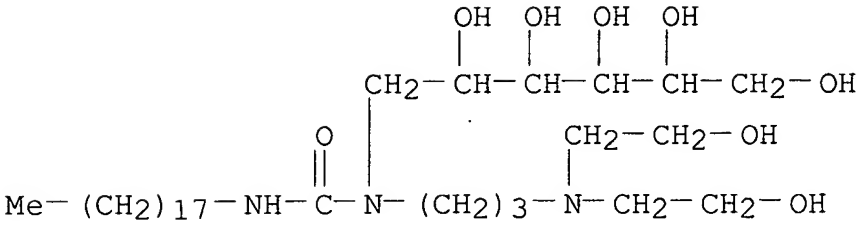
RN 56653-23-7 ZCAPLUS
CN D-Glucitol, 1-[[3-[bis(2-hydroxyethyl)amino]propyl][(tetradecylamino)carbonyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)



RN 56653-24-8 ZCAPLUS
CN D-Glucitol, 1-[[3-[bis(2-hydroxyethyl)amino]propyl][(hexadecylamino)carbonyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)



RN 56653-25-9 ZCAPLUS
CN D-Glucitol, 1-[[3-[bis(2-hydroxyethyl)amino]propyl][(octadecylamino)carbonyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)



IT **56653-22-6P 56653-23-7P 56653-24-8P**
56653-25-9P
(prepn. and fluorescent brightening activity of)